

Fig. 1

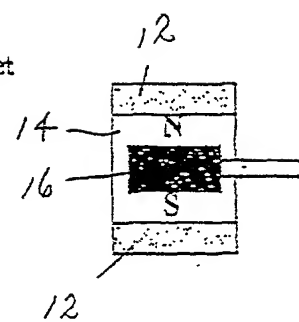


Fig. 2

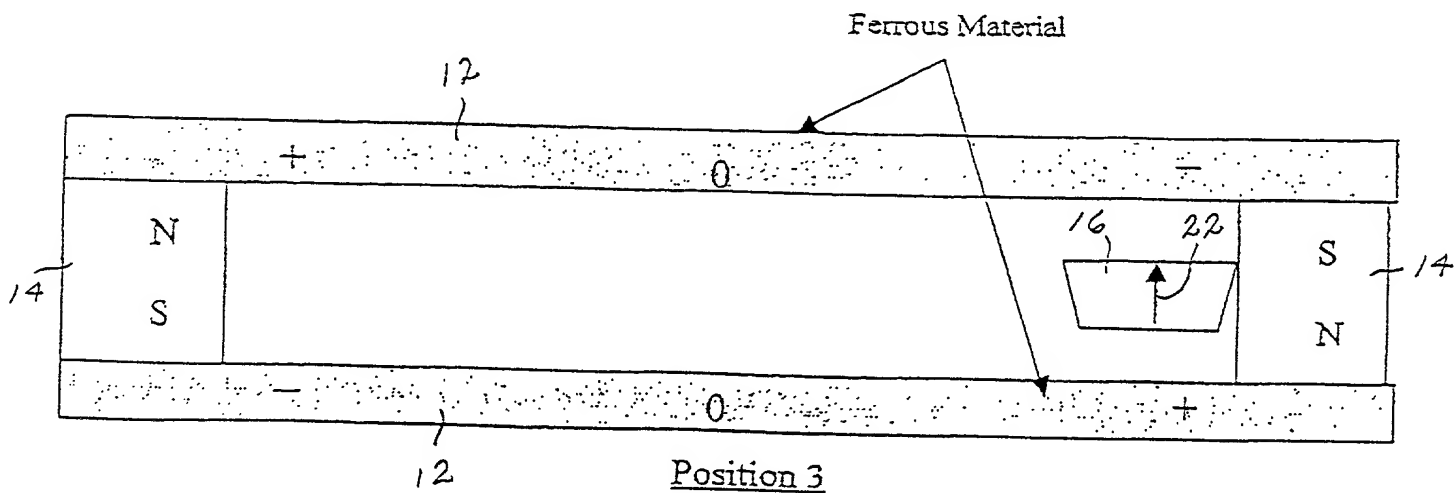
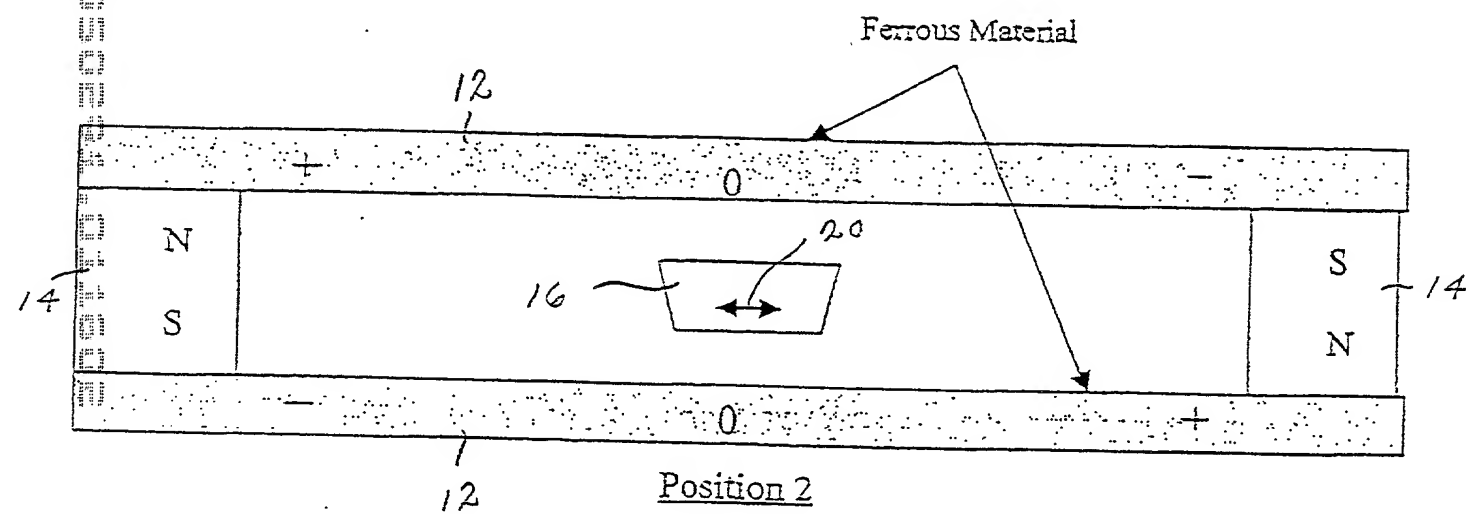
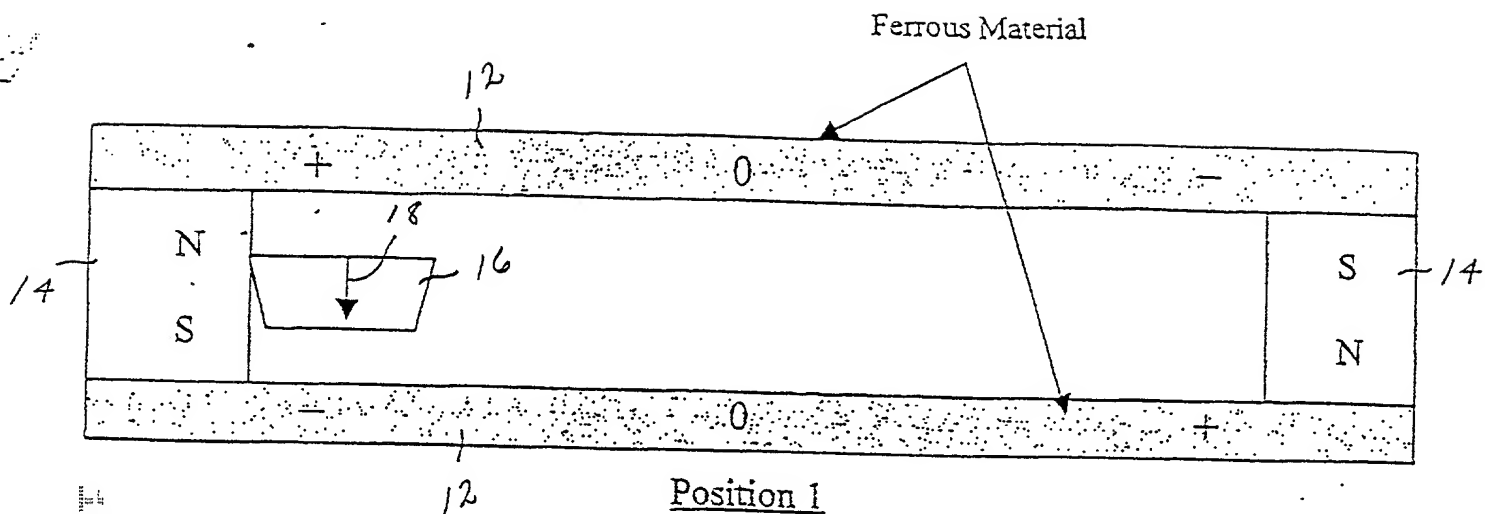


Fig. 3

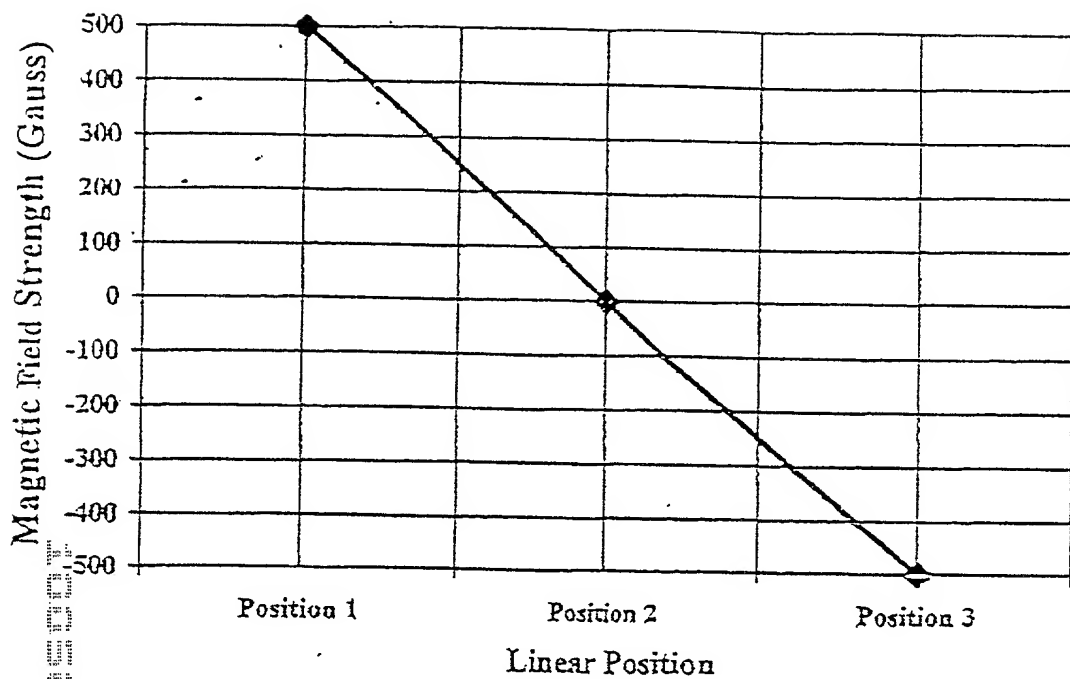


Fig. 4

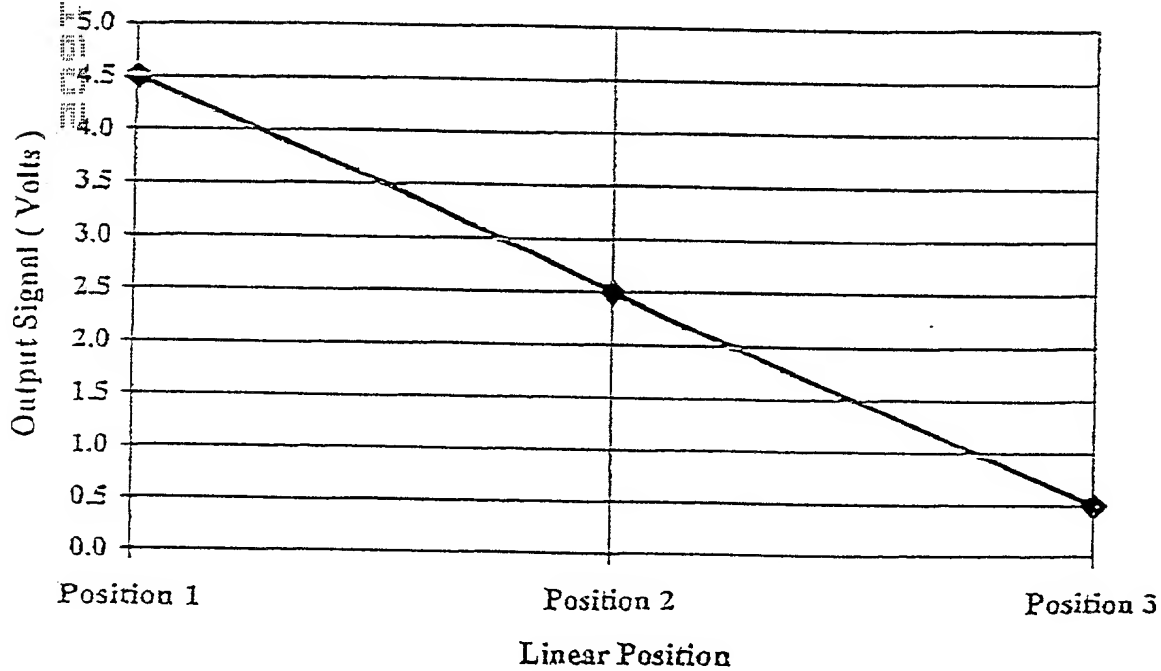


Fig. 5

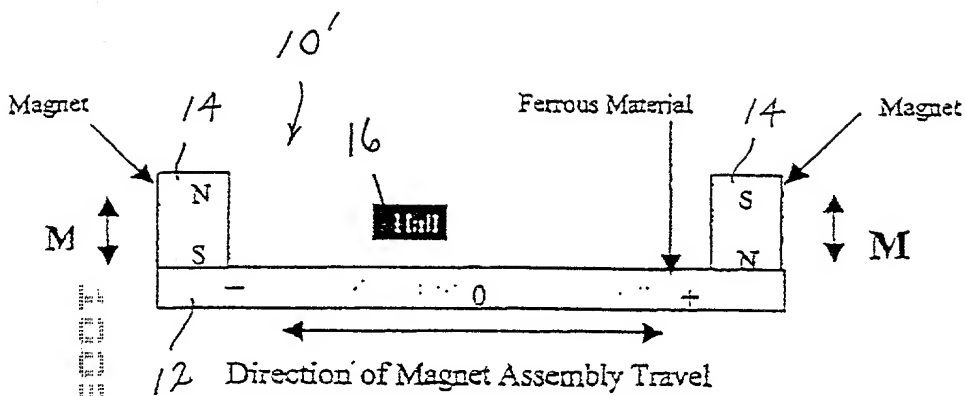


Fig. 6

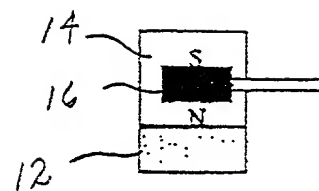
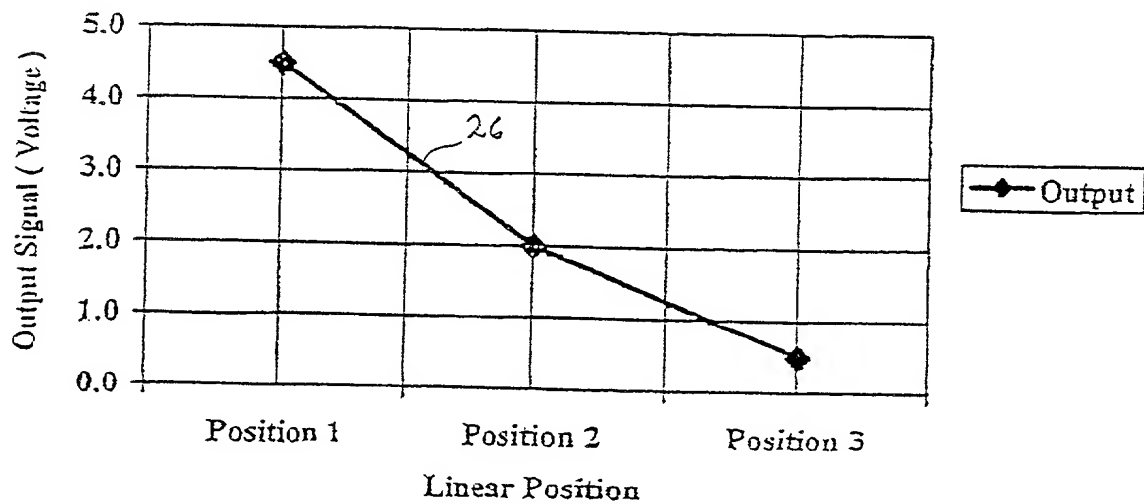
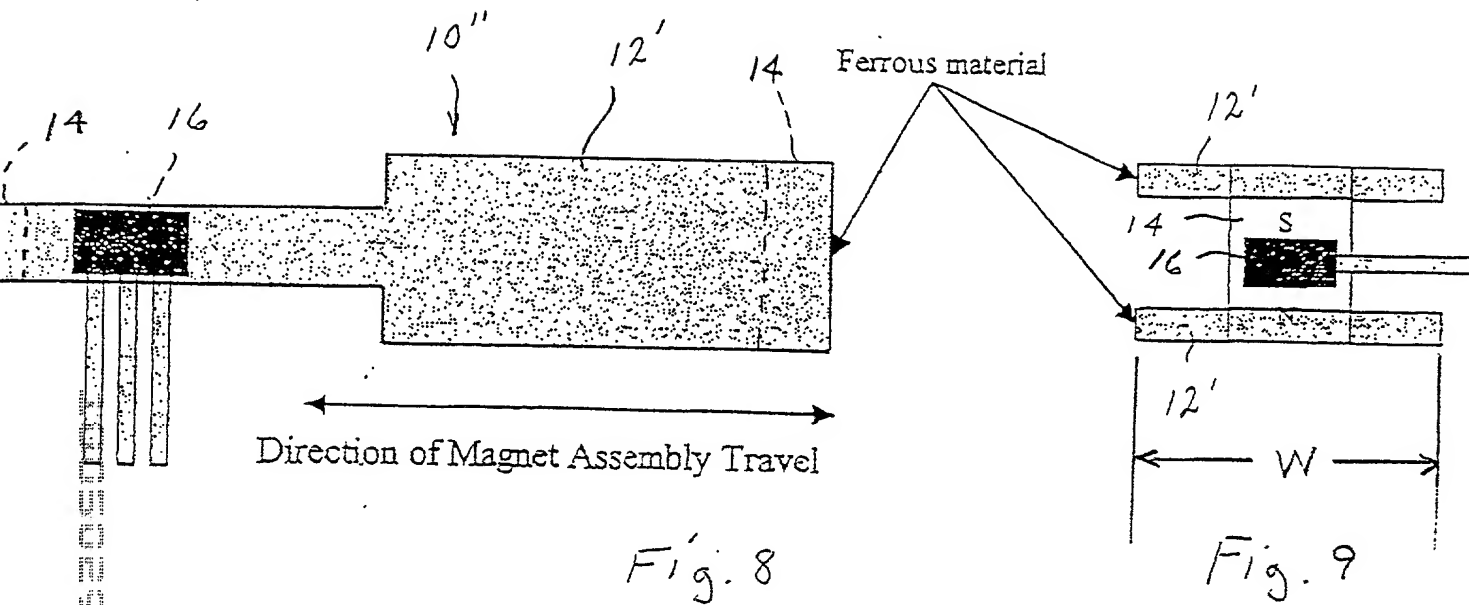


Fig. 7



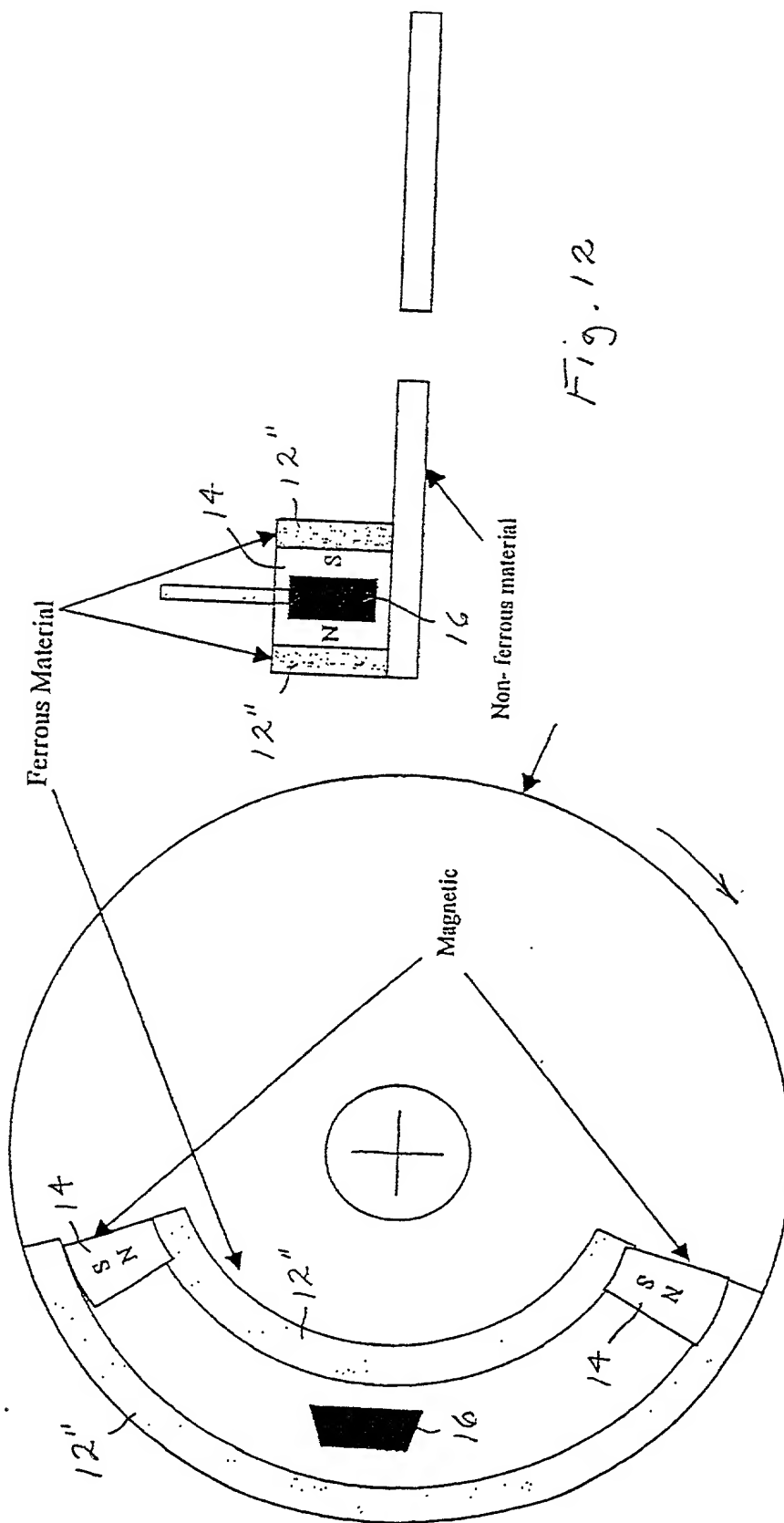


Fig. 11

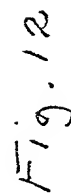


Fig. 12

1. The present invention relates to a method of separating magnetic materials from non-magnetic materials, and more particularly to a method of separating magnetic materials from non-magnetic materials in a liquid medium.

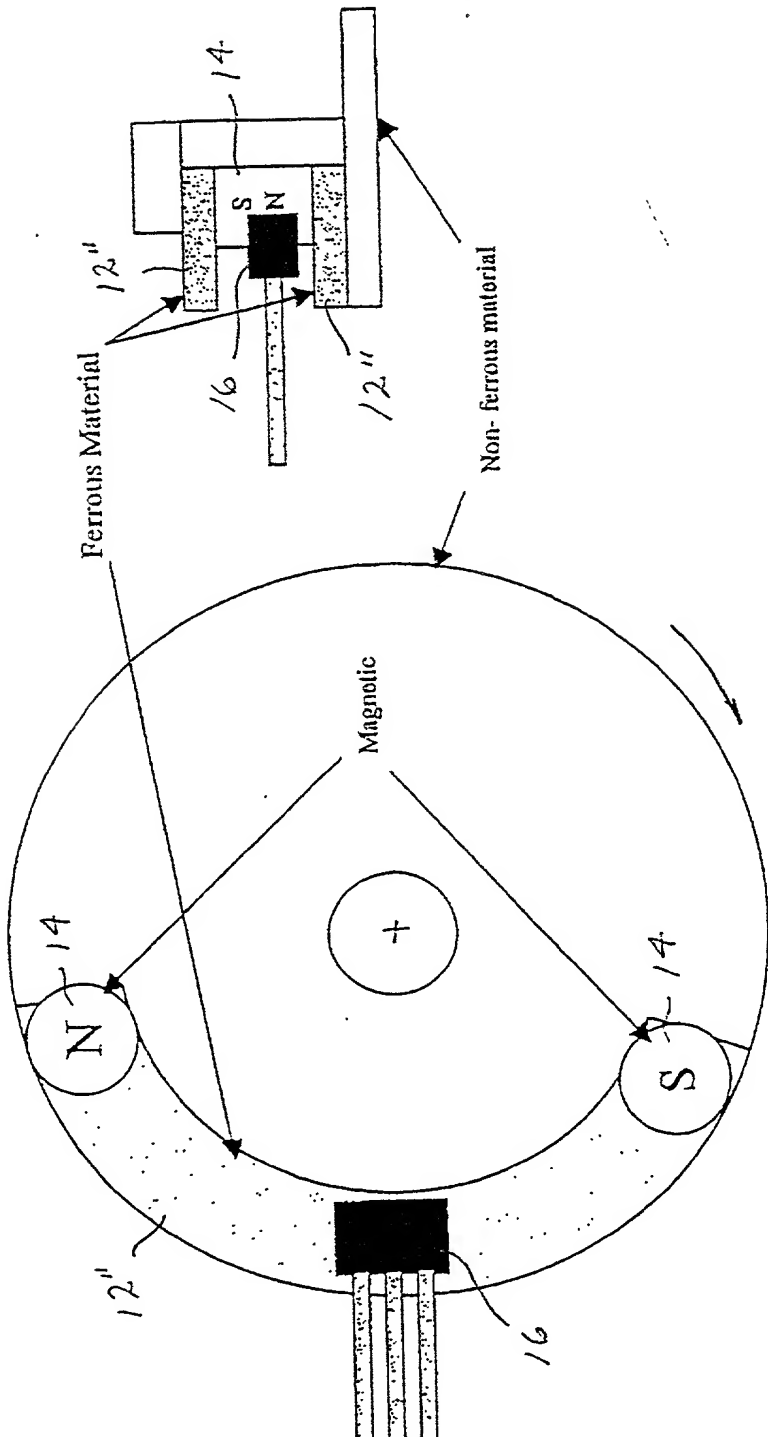


Fig. 13

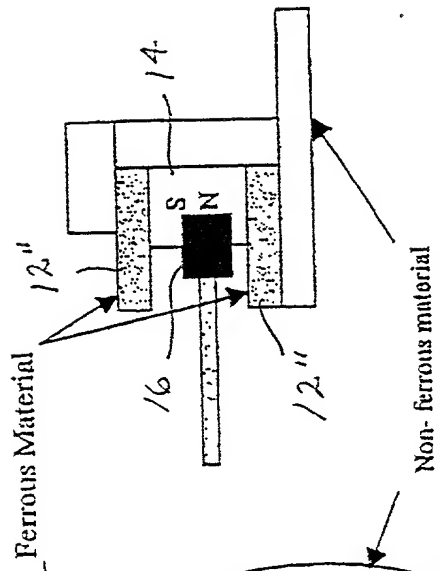
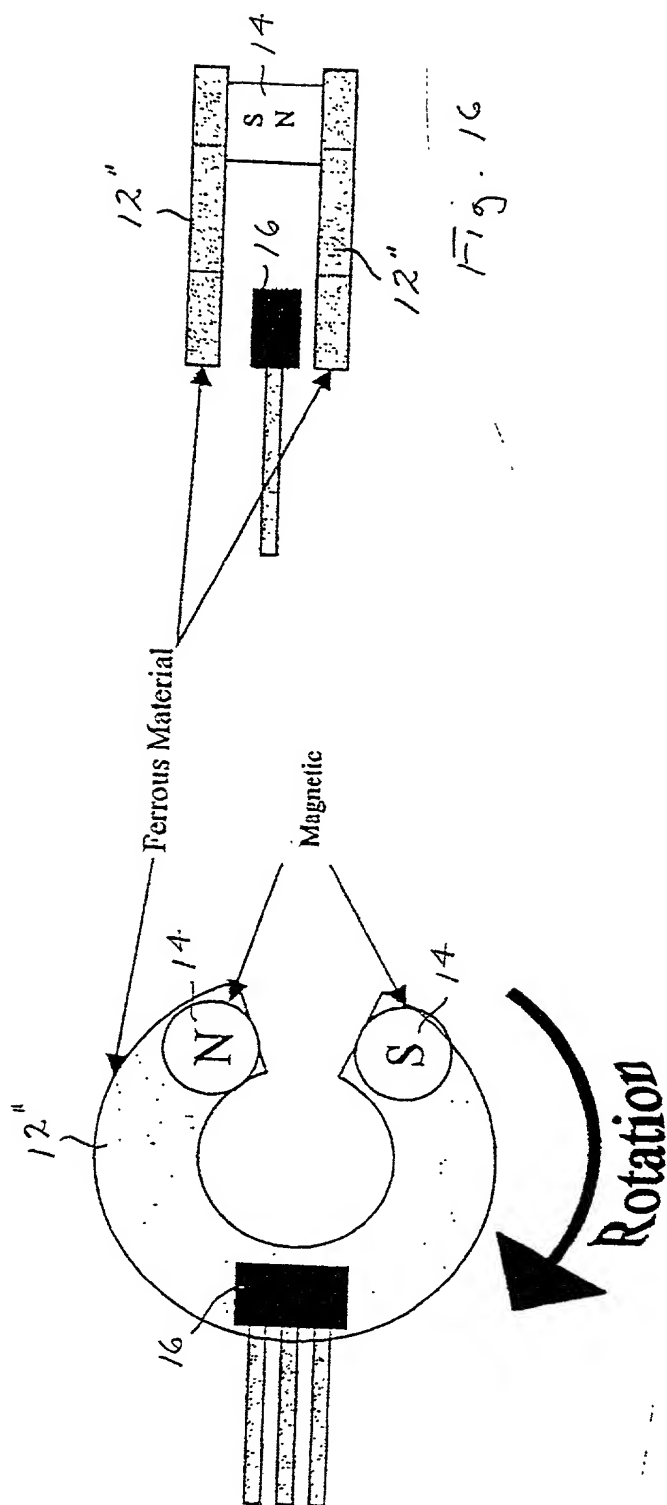
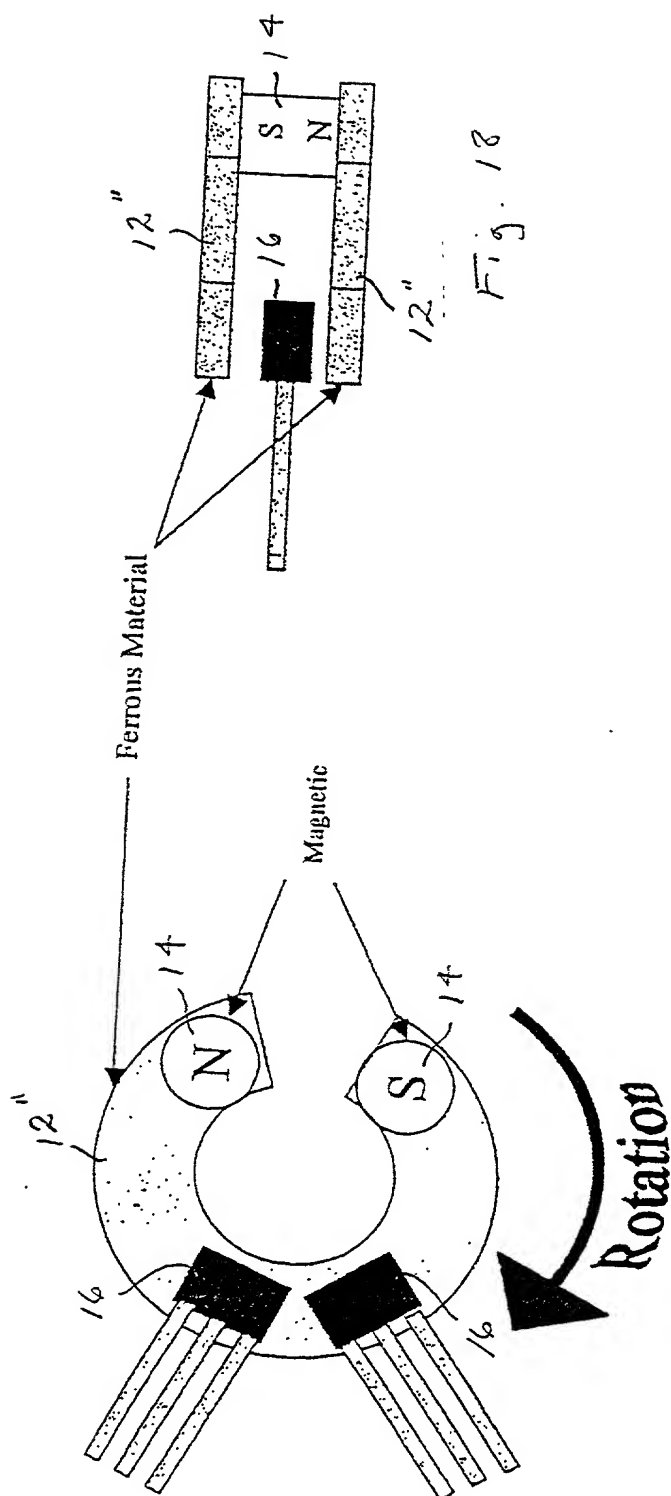


Fig. 14





1. The present invention relates to a magnetic device for use in a magnetic field.

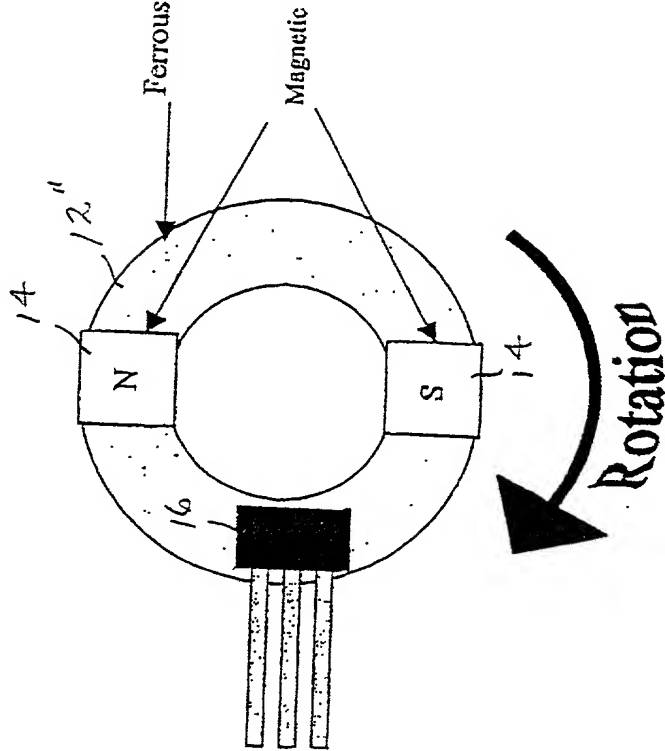


Fig. 19

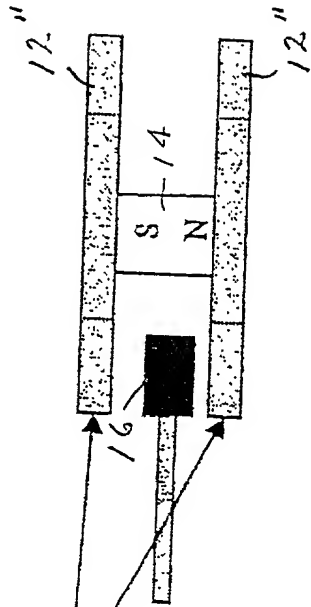


Fig. 20

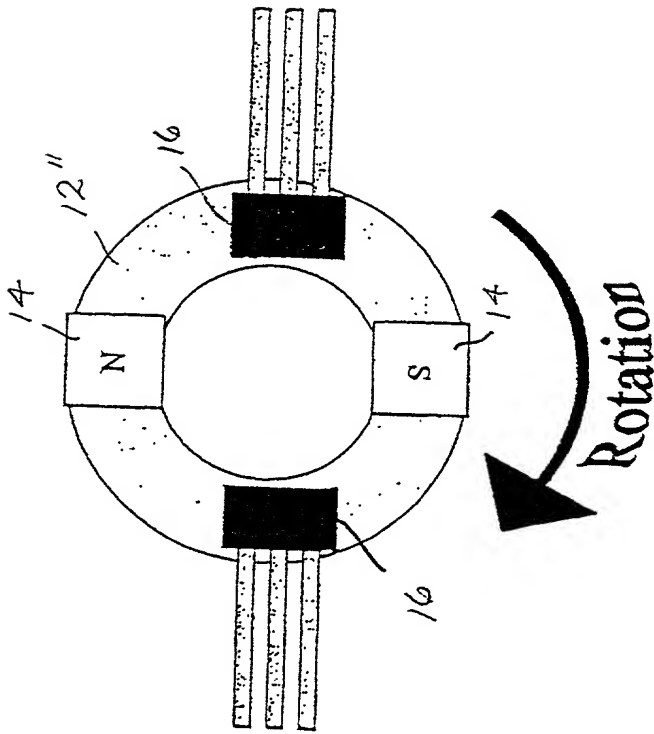


Fig. 21

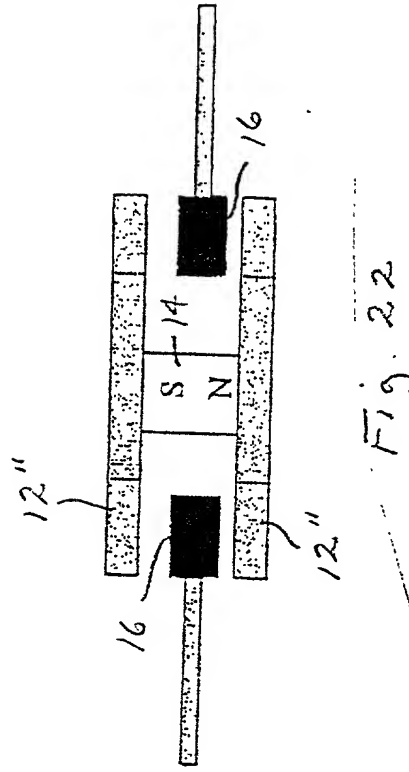


Fig. 22

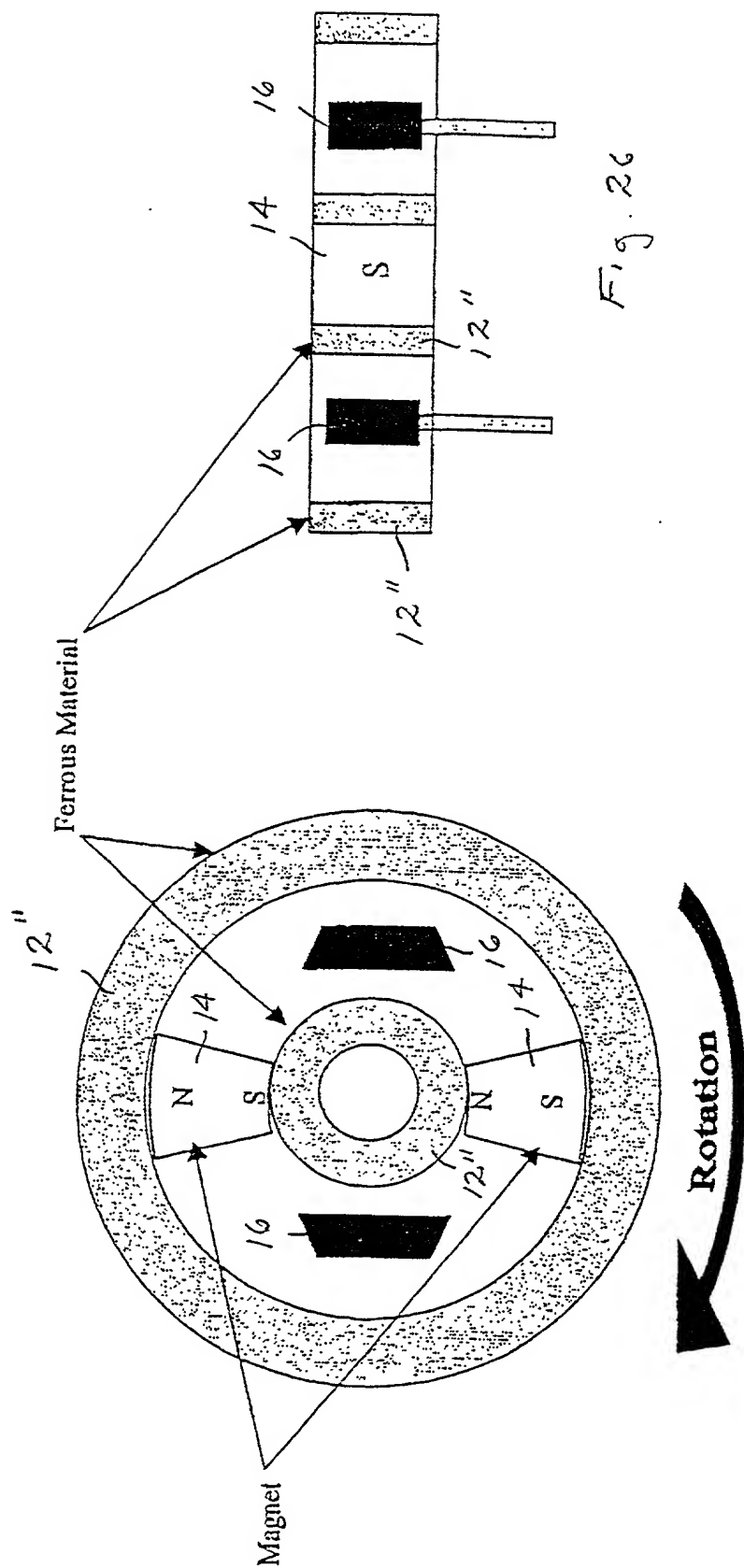
[illegible]

Fig. 25

2
 and it is to be understood that the present disclosure is not limited to the specific details shown and described herein, but may be embodied in other forms without departing from the scope of the invention.

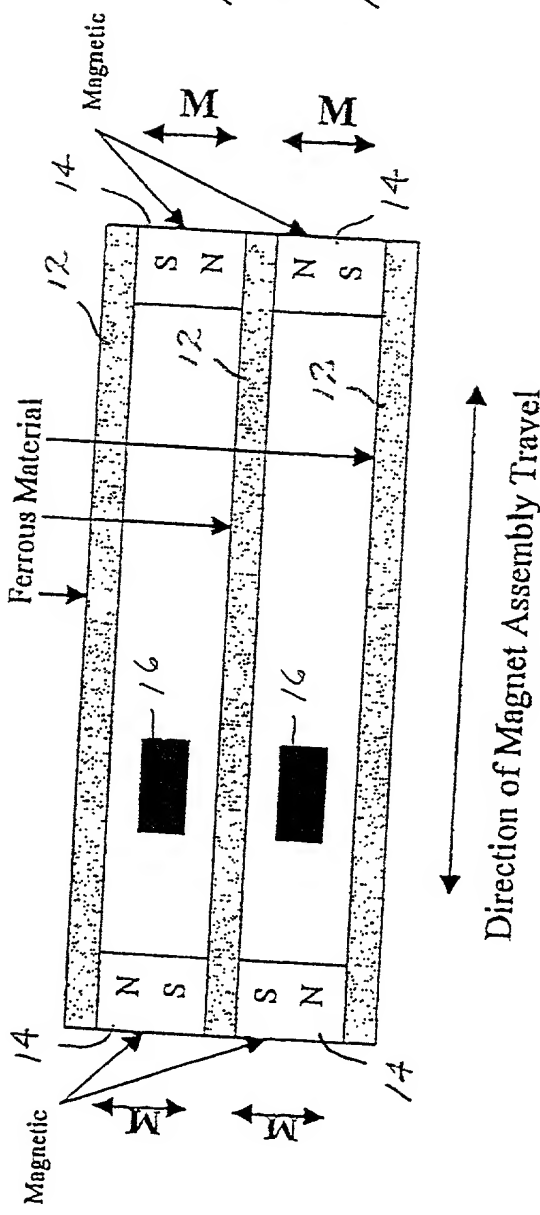


Fig. 27

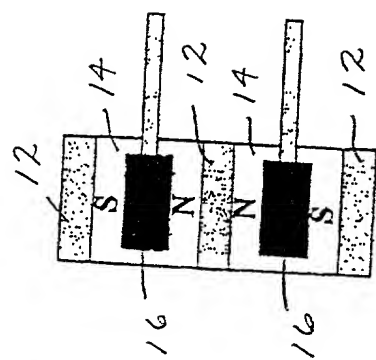
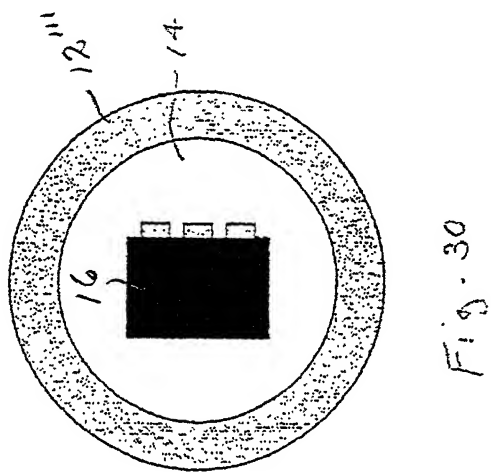
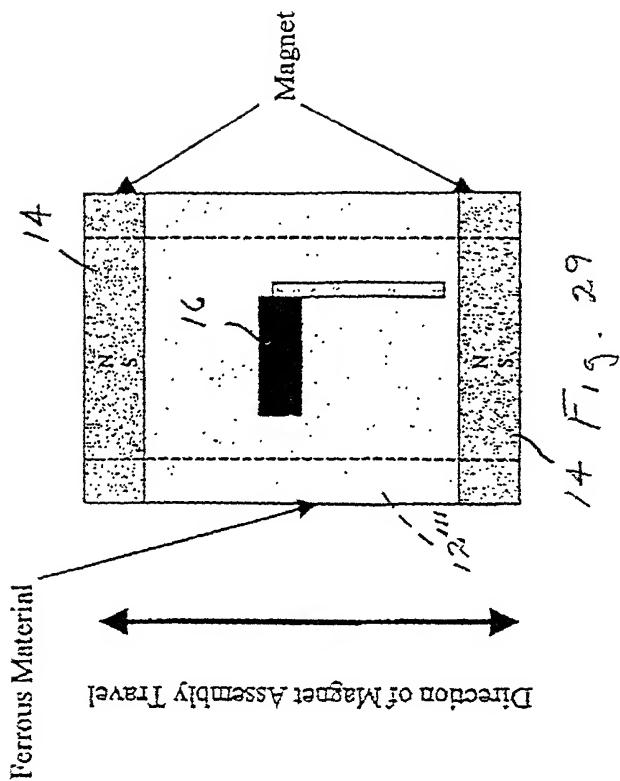


Fig. 28



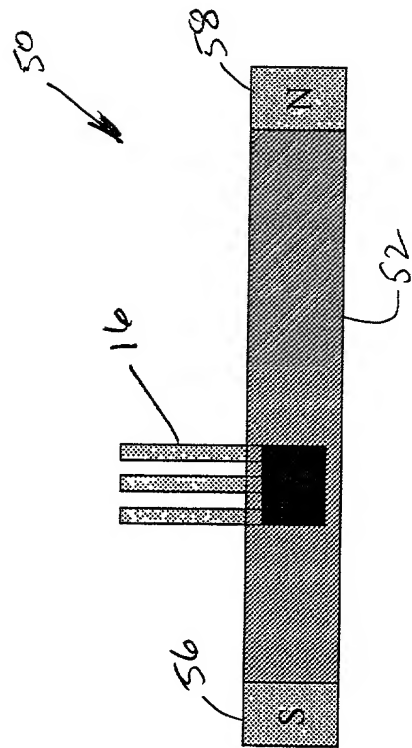


Fig. 31

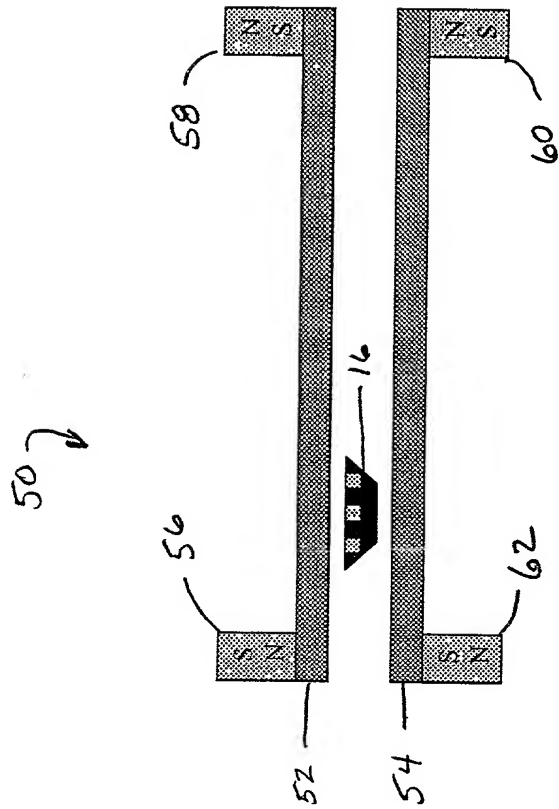


Fig. 32

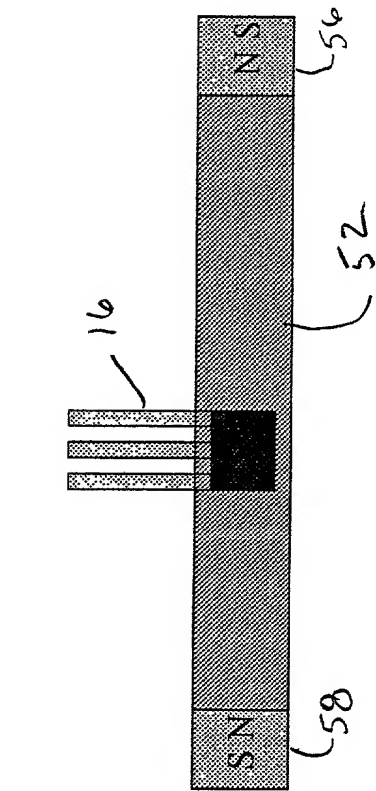


Fig. 33

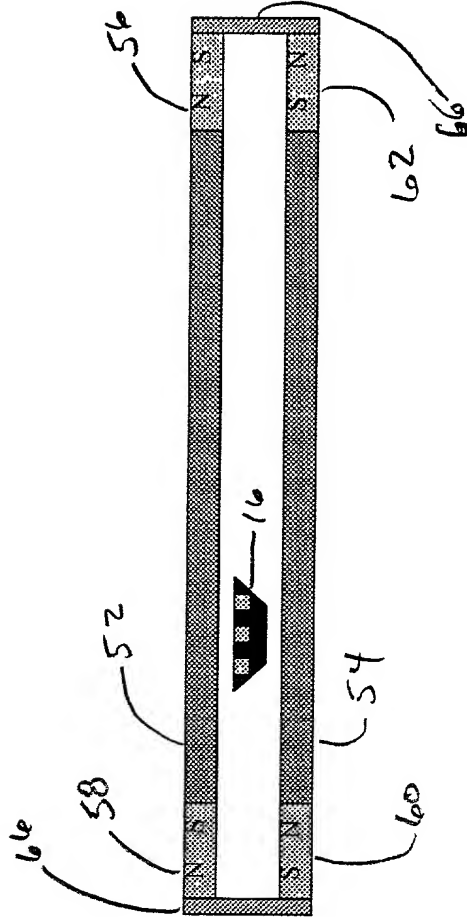


Fig. 34

Magnetic Design Comparison Between Two Internal Magnet Vs Four external Magnet Orientation about Two Ferrous Rails

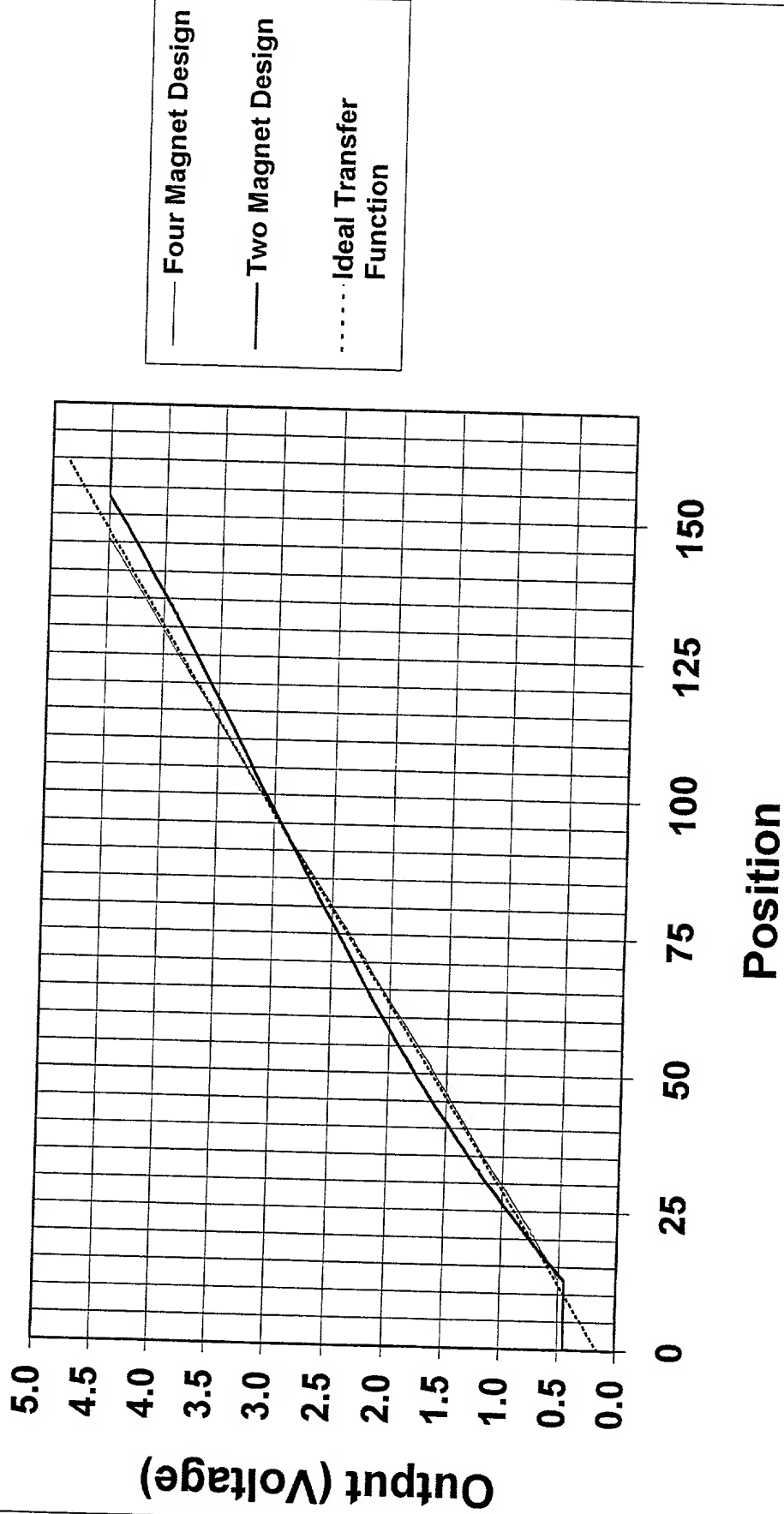


Fig 35

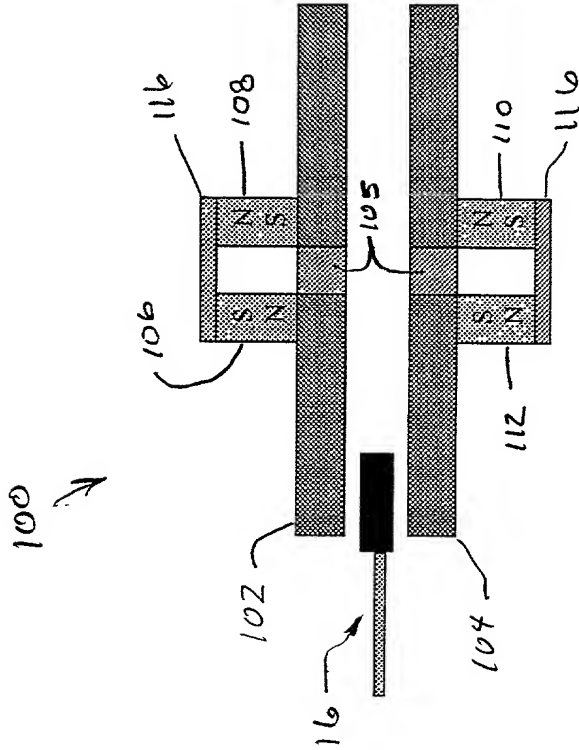


Fig. 36

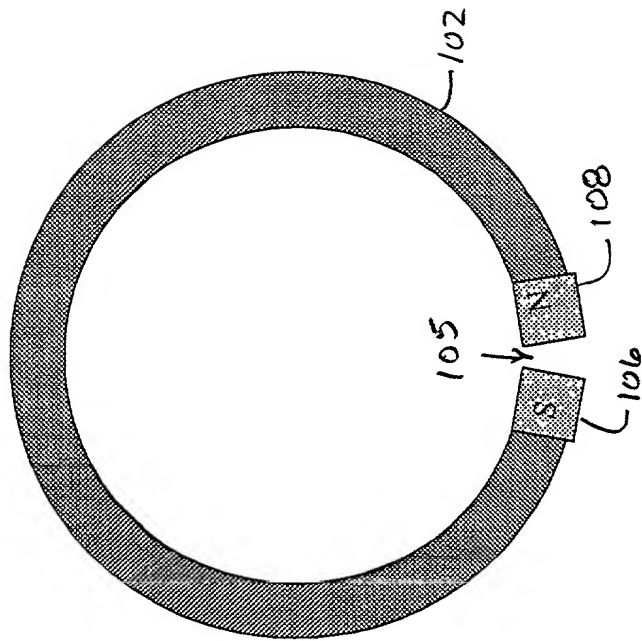


Fig. 37

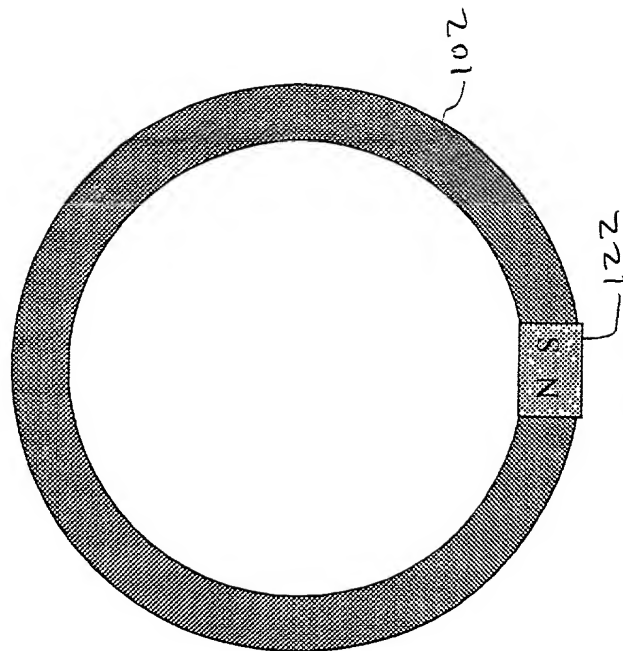


Fig. 38

120

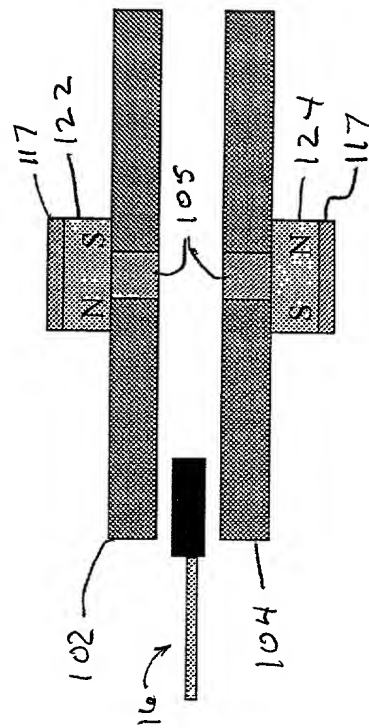


Fig. 39

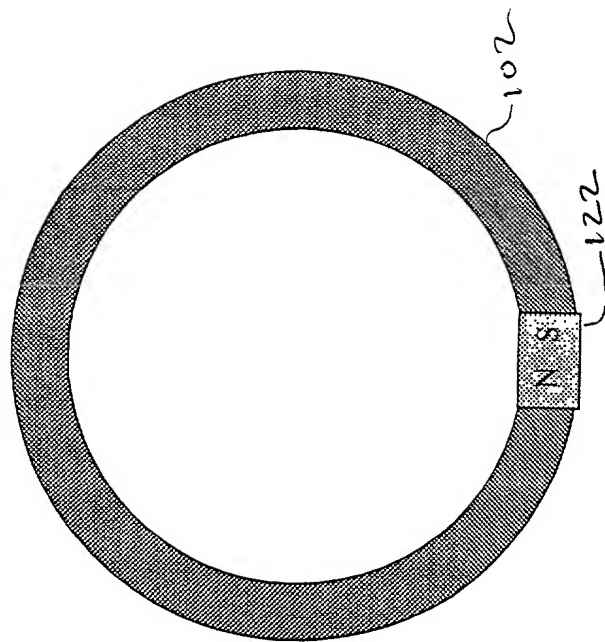


Fig. 40

120 ↗

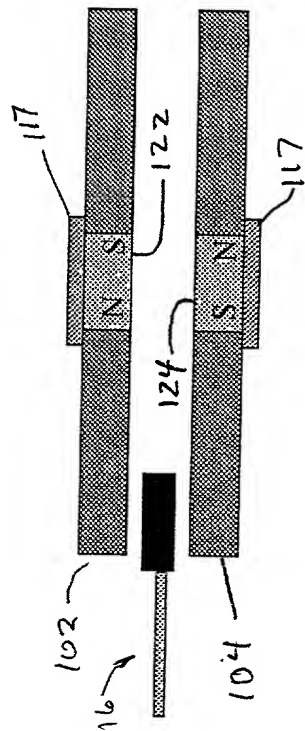


Fig. 41